

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) ~~A method Method for managing data between user mobile station (MS) equipped with a communication module (1), stationary terminals (3) associated with at least one service, exchanging data between a portable user equipment (MS), a plurality of service stations placed at selected locations and a plurality of mobile service means (8) equipped with a communication module (9) and adapted to ensure said service, characterised in that it includes the following steps providers (8), said method including the steps of:~~

a) ~~by means of a mobile station (MS, a primary request is generated including data defining a request for obtaining a selected service at a terminal (3) installed proximate to said mobile station and associated with said service,~~

b) ~~after receiving said primary request, a secondary request is generated including data defining a request for ensuring the selected service at said terminal (3),~~

c) ~~said second request is received at the mobile service means (8) of said plurality that is closest to said terminal (3), so that said mobile service means stops at said terminal and provides said service requested by the user of said mobile station (MS).~~

a) generating a first request message including designating service data at the portable user equipment (MS);

b) transmitting the first request message, each of the plurality of service stations being arranged with a short-range communication module which provides a first transmission zone, the portable user equipment including a compatible short-range communication module;

c) generating a second request message including at least said designating service data at that one of the plurality of service stations whose first transmission zone contains the portable user equipment upon receiving the first request message;

- d) transmitting the second request message, each of the plurality of mobile service providers being arranged with a short-range communication module which provides a second transmission zone, each of the plurality of service stations including a compatible short-range communication module;
- e) receiving the second request message at that one of the plurality of mobile service providers whose second transmission zone contains one of the plurality of service stations at which the second request message was generated; and
- f) stopping such mobile service provider at such service station.

2. (Currently Amended) Method The method according to Claim 1, characterised in that at step b) said primary request is received at the terminal (3), by means of a communication module (6), and said secondary request is generated at said terminal (3) each of said plurality of service stations being associated with at least one designated service, wherein step b) is performed only when said designating service data of the first request message matches said at least one designated service.

3. (Currently Amended) Method The method according to Claim 2, characterised in that said reception of said primary request takes place when the mobile station (MS) which generated it is located within the second transmission coverage zone (12) of said terminal (3) each of said plurality of mobile service providers being associated with at least one designated service, wherein step e) is performed only when said designating service data of the second request message matches said at least one designated service.

4. (Currently Amended) The method according to Claim [[2]] 1, characterised in that at wherein steps a) and b) the generation and reception of primary requests is are accomplished by ad hoc exchanges of messages.

5. (Currently Amended) Method The method according to Claim 4,
~~characterised in that said primary request wherein designating service data includes data defining a primary first spatial value representing said selected service which is defined at any location within a restricted physical volume.~~

6. (Currently Amended) Method The method according to Claim [[2]] 1,
~~characterised in that at step e) said mobile service means (8) receives said secondary request when said terminal (3) is located within its third transmission coverage zone (13) wherein step c) and step d) are accomplished by ad hoc exchanges.~~

7. (Currently Amended) Method The method according to Claim [[6]] 1,
~~characterised in that at steps b) and c) generation and reception of the secondary request are accomplished by ad hoc exchanges of messages wherein said second request message includes data defining a second spatial value which is defined at any location within a restricted physical volume.~~

8. (Currently Amended) Method The method according to Claim [[6]] 1, further comprising the step of:

~~characterised in that said secondary request includes data defining a secondary spatial value representing said selected service g) sending information to said portable user equipment (MS), after receiving the first request message.~~

9. (Currently Amended) Method The method according to Claim [[1]] 8,
~~characterised in that at step b) said primary request is received at a management server (s) equipped with a communication module (15), then the position of the terminal (3) proximate to the user mobile station (MS) on one hand, and that of the mobile service means (8) closest to said terminal and capable of providing said service defined in said primary request, on the other hand, are determined, and said secondary request is sent to this mobile service means~~

~~(8) via said server (S) wherein said information comprises arrival time data relative to that one of the plurality of service stations which receives the second request message.~~

10. (Currently Amended) ~~Method~~ The method according to Claim [[9]] 8, characterised in that at step b) determination of the position of the nearest mobile service means (8) involves sending to all mobile service means (8) comprising said plurality an auxiliary request asking them to report their respective positions, then, upon reception of the replies returned by said mobile service means (8), identifying from these replies the mobile service means (8) closest to said terminal (3) and capable of providing said service defined in said primary request wherein said information comprises advertising type information.

11. (Currently Amended) ~~Method~~ The method according to Claim [[9]] 8, characterised in that at step b) determination of the position of the nearest mobile service means (8) is accomplished by comparing the respective positions of the mobile service means comprising the plurality and capable of providing said service defined in said primary request, with the position of said terminal (3) wherein said information includes at least one Internet site address.

12-17. (Cancelled)

18. (Currently Amended) A use [[Use]] of the method according to Claim 1, in the field of public transport, said mobile service ~~means~~ providers (8) being public transport vehicles, in particular, buses and coaches, and the ~~terminals~~ service station (3) constituting all or part of a bus stops stop.

19-35. (Cancelled)

36. (Currently Amended) ~~Mobile station~~ The device according to claim 42, wherein the portable user equipment (MS) includes, characterised in that it includes a communication module (1) and first control means (2) of a device according to.

37. (Currently Amended) ~~Mobile station~~ The device according to claim 36, wherein the portable user equipment (MS) according to Claim 36, characterised in that it is chosen from a group including mobile telephones and personal digital assistants (PDA).

38. (Currently Amended) ~~Terminal (3), characterised in that it includes~~ The device according to claim 42, wherein the service station (3) comprises: a communication module (6) and second control means (7) ~~of a device according to.~~

39. (Currently Amended) ~~Terminal (3) according to Claim 38, characterised in that it~~ The device according to claim 42, wherein the service station (3) is intended to be installed in a public place chosen from a group including bus or coach stops, airports and railway stations.

40. (Currently Amended) The device according to claim 42, wherein each of the mobile service providers are a Transport transport vehicle (8), characterized in that it includes having a communication module (9) and third control means (10) of a device according to.

41. (Currently Amended) The device according to claim 40, wherein the Transport transport vehicle (8) according to Claim 40, characterised in that it is arranged to provide public transport for persons.

42. (New) A device for exchanging data between a portable user equipment (MS), a plurality of service stations placed at selected locations and a plurality of mobile service providers (8), said device comprising:

i) a first short-range communication module intended to be arranged with each of the plurality of service stations which provides a first transmission zone, the portable user equipment being arranged with a compatible short-range communication module,

ii) a second short-range communication module intended to be arranged with each of the plurality of service stations which provides a second transmission zone, each of said plurality of service stations being provided with a compatible short-range communication module,

iii) a first control module (2) intended to be implanted in the portable user equipment (MS) and to cooperate with the first compatible short-range communication module of said portable user equipment for:

- generating a first request message including designating service upon user's instruction, and

- transmitting the first request message,

iv) second control modules (7; 14) intended to be included at each of said plurality of service stations and cooperate with the first short-range communication module and said second compatible short-range communication module of such service station for:

- receiving the first request message when the first transmission zone contains the portable user equipment,

- generating a second request message including at least said designating service data, and

- transmitting the second request message,

v) third control modules intended to be implanted in each of the plurality of mobile service providers and cooperate with the second short-range communication module of such mobile service provider for:

- receiving the second request message when the second transmission zone contains that one of the plurality of service stations at which the second request message were generated, and

so that one of the mobile service providers stops at the service station.

43. (New) The device according to Claim 42, wherein first short-range communication modules, first control module, compatible short-range communication module of the user portable equipment and second control module are respectively arranged so as to generate and receive a first request message by ad hoc exchanges.

44. (New) The device according to Claim 43, wherein said first control means (2) are arranged to generate first request messages including a first spatial value data which is defined at any location within a restricted physical volume.

45. (New) The device according to any one of Claims 42, wherein second short-range communication modules, second control module, compatible short-range communication module of the service station and third control module are respectively arranged so as to generate and receive a second request message by ad hoc exchanges.

46. (New) The device according to claim 45, wherein said second control means (7) are arranged to generate second request messages including second spatial value data.